NOVEMBER/DECEMBER 2025

23USIM24 — BASIC OF INTERNET

Time : Three hours Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. Define TCP/IP.
2. Outline the term domain name.
3. List two internet file types.
4. Abbreviate the term DSL.
5. Define web browser.
6. What is the use of web servers?
7. What type of audio files supported in internet?
8. What are the benefits of online shopping?
9. How firewall system protect internet users?
10. How to validate digital certificates?

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SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Explain the anatomy of a web connection.

Or

(b) Discuss the role of routers in the internet.

12. (a) Describe how to connect a computer to the internet.

Or

(b) Compare DSL and ISDN.

13. (a) Explain how do you include hypertext in a document.

Or

(b) Discuss the various search options available for better search results.

14. (a) Discuss the tag used to include video files in a webpage.

Or

(b) Design a webpage shows an audio library informations.

15. (a) Explain the importance of firewalls in safeguarding the internet.

Or

(b) Discuss briefly about computer viruses.

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SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Explain about the domain name system.

17. Discuss various ways of connecting to the internet with neat diagrams.

18. Briefly explain the common internet tools use in internet.

19. Analyze the role of audio and video in enhancing internet usage.

20. Evaluate the role of digital certificates in secure communication.

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